

Ceiling Cutout: 8 1/4" Dia.

Reflector Trim			Frame-In Kit	Lamp
Finish			PAA7P38D	PAR38 250W Max.
Self-Flange Polished				
Specular Clear Alzak®	AA7CLP30	AA7CLP45		
Specular Gold Alzak®	AA7GDP30	AA7GDP45		
Specular Black Alzak®	AA7BKP30	AA7BKP45		
Self-Flange White				
Specular Clear Alzak®	AA7CLW30	AA7CLW45		
Specular Gold Alzak®	AA7GDW30	AA7GDW45		
Specular Black Alzak®	AA7BKW30	AA7BKW45		

Features

- Housing:** Steel .029" (22 ga.) matte black finish. Top housing: aluminum, .050" (16 ga.) matte black inside. Removable for top relamping.
- Mounting Frame:** Die-cast aluminum for dry or plaster ceilings.
- Aperture Cone:** Specular Alzak® aluminum, .050" (16 ga.)
- Lampholder:** Die-cast aluminum "U" shaped lamp and accessory holder provided with tension springs for fast snap-in/snap-out side mounting of lamp and various accessories (see accessory section.) Provides lockable 45° vertical and 360° horizontal adjustment. Both adjustments remain locked while relamping. The relationship between the lamp aiming angle and the aperture is consistently maintained by keying cone spring to Lampholder Assembly. Hot aiming can easily be done with the blade of a screwdriver.
- Mounting Brackets:** Adjust vertically from inside and outside of fixture. Durable .059" (16 ga.) steel construction. Use with standard 3/4" or 1 1/2" lathing channels, or 1/2" (11/16" O.D.) EMT tubing (by others) or Lightolier accessory mounting bars.
- Junction Box:** 2 7/8" x 3 1/2" x 4"; .063" (14 ga.) galvanized steel. UL listed for maximum of 8 no. 12 AWG 90°C through branch circuit wires. Accessible from inside and outside of fixture. Outside J-Box door is hinged for maximum opening. Snap-in plug is provided on inside cover for quick connection with socket harness.
- Socket Harness:** Porcelain socket-medium base. Pre-wired with No. 18 SF1 leads to plastic plug-in connector.
- Vertical Cam Lock:** Die-cast aluminum lever provides cam action vertical adjustment lock, max. 45° adjustment.
- Horizontal Cam Lock:** Spring steel lever provides cam action horizontal adjustment lock, 360° rotation.
- Thermal Protector:** Meets NEC and UL requirements.

Options & Accessories

- Mounting Bars** **1950** 18" set of (2)
 1951 27" set of (2)
- T-bar Anchor Clips** **1956** set of (4), for use with above
- For other reflector finishes consult factory.
See MBA accessory specification sheet.

Labels

UL listed (suitable for damp locations), I.B.E.W.

Alzak® is a registered trademark of ALCOA.

US Patent No. 5,562,343.

Job Information	Type:
Job Name:	
Cat. No.:	
Lamp(s):	
Notes:	

Lightolier a Genlyte Thomas Company www.lightolier.com
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LIGHTOLIER®



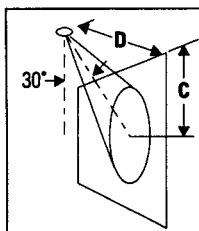
Lighting Performance Data

		Narrow																																		
		45W PAR38 SP (T-H)					75W PAR38 SP					90W PAR38 NSP (T-H)					90W PAR38 SP (T-H)					150W PAR38 NSP (T-H)					150W PAR38 SP					150W PAR38 SP (T-H)				
DISTANCE 0' 1' 2' 3' 4' 5' 6'																																				
	FOOTCANDLES (On Beam Center At 6')	131					144					528					333					1042					291					528				
	BEAM SPREAD (To 50% Max. CP)	14°					12°					7°					12°					9°					14°					13°				
	MAX. CANDLEPOWER (Candelas)	4,700					5,200					19,000					12,000					37,500					10,500					19,000				
	RATED LIFE (Hours)	2,000					2,000					2,000					2,000					3,000					2,000					4,000				
0° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W			
Illumination on Horizontal Plane	6'	6'	131	1.5'	1.5'	6'	144	1.3'	1.3'	10'	190	1.2'	1.2'	8'	188	1.7'	1.7'	10'	375	1.6'	1.6'	8'	164	2.0'	2.0'	10'	190	2.3'	2.3'							
	8'	73	2.0'	2.0'	8'	81	1.7'	1.7'	15'	84	1.8'	1.8'	12'	83	2.5'	2.5'	15'	167	2.4'	2.4'	12'	73	2.9'	2.9'	15'	84	3.4'	3.4'								
	10'	47	2.5'	2.5'	10'	52	2.1'	2.1'	20'	47	2.4'	2.4'	16'	47	3.4'	3.4'	20'	94	3.1'	3.1'	16'	41	3.9'	3.9'	20'	47	4.6'	4.6'								
	12'	33	2.9'	2.9'	12'	36	2.5'	2.5'	25'	30	3.1'	3.1'	20'	30	4.2'	4.2'	25'	60	3.9'	3.9'	20'	26	4.9'	4.9'	25'	30	5.7'	5.7'								
30° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W			
Illumination on Horizontal Plane	5'	5'	122	1.6'	1.4'	5'	135	1.4'	1.2'	8'	193	1.3'	1.1'	7'	159	2.0'	1.7'	8'	381	1.7'	1.5'	7'	139	2.3'	2.0'	8'	193	2.4'	2.1'							
	7'	62	2.3'	2.0'	7'	69	2.0'	1.7'	12'	86	2.0'	1.7'	10'	78	2.8'	2.4'	12'	169	2.5'	2.2'	10'	68	3.3'	2.8'	12'	86	3.7'	3.2'								
	9'	38	3.0'	2.6'	9'	42	2.5'	2.2'	16'	48	2.6'	2.3'	13'	46	3.7'	3.2'	16'	95	3.4'	2.9'	13'	40	4.3'	3.7'	16'	48	4.9'	4.2'								
	11'	25	3.6'	3.1'	11'	28	3.1'	2.7'	20'	31	3.3'	2.8'	16'	30	4.5'	3.9'	20'	61	4.2'	3.6'	16'	26	5.3'	4.5'	20'	31	6.1'	5.3'								
30° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W			
Illumination on Vertical Plane	2'	147	2.1'	1.0'	2'	163	1.7'	0.8'	4'	148	2.0'	1.0'	3'	167	2.6'	1.3'	4'	293	2.6'	1.3'	3'	146	3.1'	1.5'	4'	148	3.8'	1.8'								
	3'	65	3.1'	1.5'	3'	72	2.6'	1.3'	6'	66	3.0'	1.5'	4'	94	3.5'	1.7'	6'	130	3.8'	1.9'	4'	82	4.1'	2.0'	6'	66	5.7'	2.7'								
	4'	37	4.1'	2.0'	4'	41	3.5'	1.7'	8'	37	4.0'	2.0'	5'	60	4.3'	2.1'	8'	73	5.1'	2.5'	5'	53	5.1'	2.5'	8'	37	7.6'	3.6'								
	5'	24	5.1'	2.5'	5'	26	4.3'	2.1'	10'	24	4.9'	2.4'	6'	42	5.2'	2.5'	10'	47	6.4'	3.1'	6'	36	6.2'	2.9'	10'	24	9.5'	4.6'								

		Narrow				Medium				Wide																							
		250W PAR38 SP (T-H)				45W PAR38 FL (T-H)				75W PAR38 FL				90W PAR38 FL (T-H)				150W PAR38 FL				150W PAR38 FL (T-H)				250W PAR38 FL (T-H)							
DISTANCE 0' 1' 2' 3' 4' 5' 6'																																	
	FOOTCANDLES (On Beam Center At 6')	639				47				52				111				111				136				241							
	BEAM SPREAD (To 50% Max. CP)	18°				28°				30°				30°				30°				30°				34°							
	MAX. CANDLEPOWER (Candelas)	23,000				1,700				1,860				4,000				4,000				4,900				8,700							
	RATED LIFE (Hours)	6,000				2,000				2,000				2,000				2,000				2,000				6,000							
0° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
Illumination on Horizontal Plane	10'	230	3.2'	3.2'	3'	189	1.5'	1.5'	4'	116	2.1'	2.1'	6'	111	3.2'	3.2'	6'	111	3.2'	3.2'	6'	136	3.2'	3.2'	7'	178	4.3'	4.3'					
	15'	102	4.8'	4.8'	5'	68	2.5'	2.5'	6'	52	3.2'	3.2'	8'	63	4.3'	4.3'	8'	63	4.3'	4.3'	8'	77	4.3'	4.3'	10'	87	6.1'	6.1'					
	20'	58	6.3'	6.3'	7'	35	3.5'	3.5'	8'	29	4.3'	4.3'	10'	40	5.4'	5.4'	10'	40	5.4'	5.4'	10'	49	5.4'	5.4'	13'	51	7.9'	7.9'					
	25'	37	7.9'	7.9'	9'	21	4.5'	4.5'	10'	19	5.4'	5.4'	12'	28	6.4'	6.4'	12'	28	6.4'	6.4'	12'	34	6.4'	6.4'	16'	34	9.8'	9.8'					
30° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
Illumination on Horizontal Plane	8'	233	3.4'	2.9'	3'	123	2.0'	1.7'	3'	134	2.2'	1.9'	5'	104	3.7'	3.1'	5'	104	3.7'	3.1'	5'	127	3.7'	3.1'	6'	157	5.0'	4.2'					
	12'	104	5.1'	4.4'	5'	44	3.4'	2.9'	5'	48	3.7'	3.1'	7'	53	5.1'	4.3'	7'	53	5.1'	4.3'	7'	65	5.1'	4.3'	9'	70	7.6'	6.4'					
	16'	58	6.8'	5.9'	7'	23	4.8'	4.0'	7'	25	5.1'	4.3'	9'	32	6.6'	5.6'	9'	32	6.6'	5.6'	9'	39	6.6'	5.6'	12'	39	10.1'	8.5'					
	20'	37	8.5'	7.3'	9'	14	6.1'	5.2'	9'	15	6.6'	5.6'	11'	21	8.1'	6.8'	11'	21	8.1'	6.8'	11'	26	8.1'	6.8'	15'	25	12.6'	10.6'					
30° AIMING ANGLE		D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W	D	FC	L	W
Illumination on Vertical Plane	4'	180	5.5'	2.5'	1'	213	2.5'	1.0'	1'	233	2.7'	1.1'	2'	125	5.5'	2.1'	2'	125	5.5'	2.1'	2'	153	5.5'	2.1'	2'	272	6.8'	2.4'					
	6'	80	8.2'	3.8'	2'	53	4.9'	2.0'	2'	58	5.5'	2.1'	3'	56	8.2'	3.2'	3'	56	8.2'	3.2'	3'	68	8.2'	3.2'	3'	121	10.2'	3.7'					
	8'	45	11.0'	5.1'	3'	24	7.4'	3.0'	3'	26	8.2'	3.2'	4'	31	10.9'	4.3'	4'	31	10.9'	4.3'	4'	38	10.9'	4.3'	4'	68	13.6'	4.9'					
	10'	29	13.7'	6.3'	4'	13	9.8'	4.0'	4'	15	10.9'	4.3'	5'	20	13.7'	5.4'	5'	20	13.7'	5.4'	5'	25	13.7'	5.4'	5'	44	17.0'	6.1'					

Data are based on bare lamp photometrics.

FC is initial footcandles at center of beam. L and W are to the point that the candlepower drops 50% of maximum



Beam Center Location

Distance D (ft.)	1	2	3	4	5	6	7	8	9	10
Distance C (ft.)	1.7	3.5	5.2	6.9	8.7	10.4	12.1	13.8	15.6	17.3

This chart locates the distance (C) to the center of the light beam for various distances (D) when the lamp is aimed 30° from vertical, the preferred aiming angle for lighting pictures on a wall

Job Information

Type:

Lightolier a Genlyte Thomas Company

www.lightolier.com

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